



# **Environmental Noise Directive**

**UIC Noise Workshop, Paris 14 November 2017**

**Marco Paviotti**

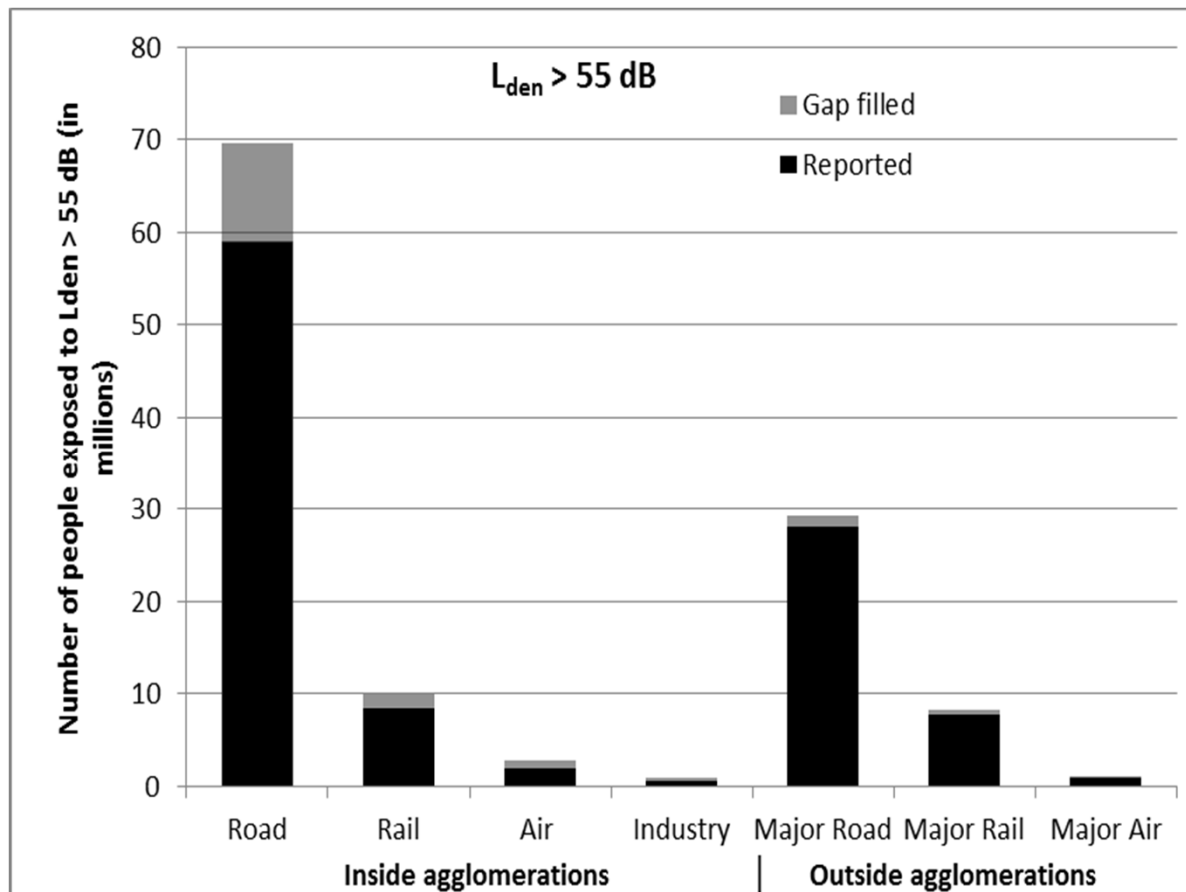
**European Commission – Directorate-General for the Environment**

**"Among environmental factors in Europe, environmental noise leads to a disease burden that is second in magnitude only to that from air pollution" (WHO)**





# Health of more than 100 million people in the EU is seriously affected





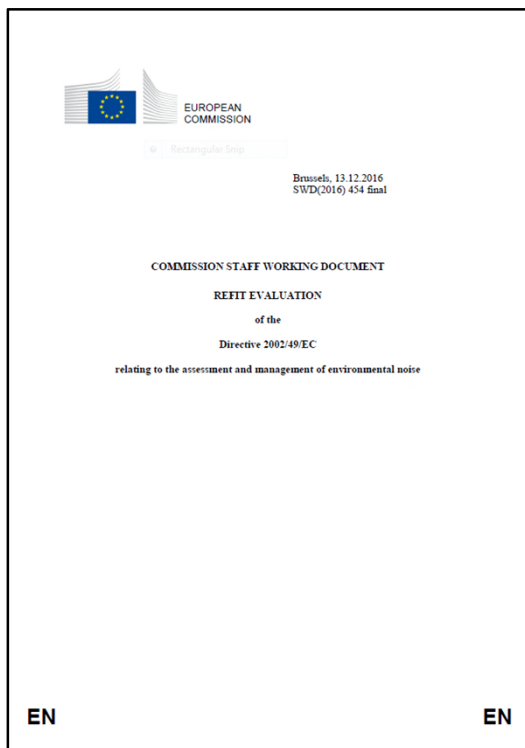
## **Environment Action Programme to 2020 'Living well, within the limits of our planet'**

- **significantly decrease noise pollution in the Union,**
- **moving closer to levels recommended by the WHO,**
- **by 2020**



➤ **Directive 2002/49/EC**  
assessment and management of environmental noise

- **Requires:** noise mapping  
action planning
- **Excludes:** limit values  
prescribed measures



# Is the Directive fit for purpose?



## **Objectives:**

- 1. Common approach against noise**
- 2. Inform source legislation**

**Are still relevant !**

# Common mapping method agreed to allow for a *single assessment for each dwelling*



- to better inform legislation at source
- by collecting high quality, detailed & comparable exposure data
- and to allow health impact assessment



# **Administrative costs**

## **0,18 €/inhabitant**



**COST**  
**1 €**



**BENEFIT**  
**29 €**



# **The Directive is generally fit for purpose...**

**...but not yet delivering the EU added value  
that it could provide**



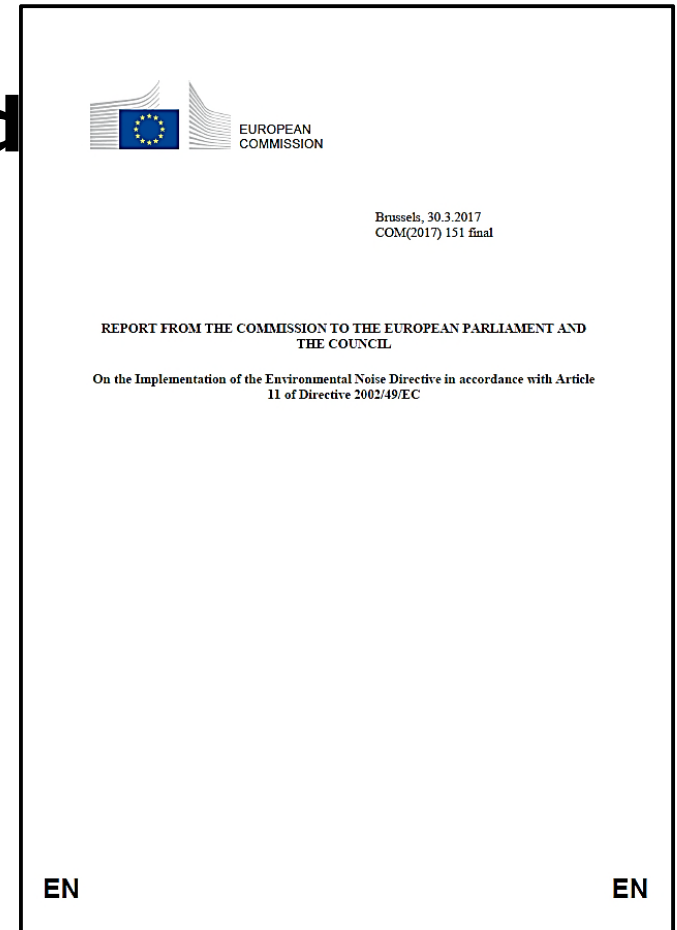
**But what about  
the implementation?**



➤ **Directive fully transposed**

➤ **Majority of MS (21) have noise limit values**

➤ **13 MS have designated quiet areas**





## Completeness of reporting for current round of noise mapping and action planning

Entity	In agglomerations				Outside agglomerations		
	Road noise	Railway noise	Aircraft noise	Industry noise	Major roads	Major railways	Major airports
Noise maps completed	78%	75%	52%	69%	79%	73%	75%
Action plans completed	49%				47% (average)	41% (average)	43%



# **Implementation delayed**

## ➤ Issues identified

- Lack of human/financial resources
- Often very decentralised approaches
- Lack of enforcement mechanisms for noise-reducing measures
- Public consultation of Noise Action Plans to be improved







- **Better implementation**
  - **Member States to look at their implementation**
  - **Commission to provide support**
  - **Urban planning**
  - **MS to seek EU Funds for their activities**
- **Make better use of the data**
- **Commission to engage with stakeholders on future noise policy (first meeting 30 Nov 2017)**
- **Awareness raising**

# Next steps



- **Annex II implementation**
- **Annex III revision**
- **Guidance on health impact assessment**



# NOISE

Seriously  
Harms  
Human  
Health



#NoiseEU

Environment

Noise in Europe Conference - 24 April 2017